

PATENT  
TS9241 02 (US)  
DFH:EM

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the accompanying application of )  
)  
TIMOTHY HEWLITT, STEVEN KELSEY, )  
WILLIAM MASKELL, and JERARD O'BRIEN )

This is a division of Serial No. 09/842,517 )  
filed April 25, 2001 )

PROCESS AND MACHINE FOR )  
PRODUCT MIXING )

July 11, 2003

COMMISSIONER FOR PATENTS  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:


INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.56 AND 1.97

It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein. Copies of the references are not provided since they were previously submitted to the Office in the parent application Serial No. 09/842,517 filed April 25, 2001.

The Examiner is requested to indicate consideration of this art on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant.

Respectfully submitted,

TIMOTHY HEWLITT, STEVEN KELSEY,  
WILLIAM MASKELL, and JERARD O'BRIEN

By 

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|---|------------------------------------|--------------------|
| FORM PTO-1449 (Modified)<br><br>LIST OF INFORMATION PROVIDED<br>BY APPLICANT<br><br>(Use several sheets if necessary) | ATTY. DOCKET NO.<br>TS9241 02 (US) | APPLICATION NUMBER |
|   | APPLICANT<br>T. Hewlitt et al.     |                    |
|   | FILING DATE                        | GROUP ART UNIT     |

| REFERENCE DESIGNATION |    | U.S. PATENT DOCUMENTS |          |                  |         |            |                            |
|-----------------------|----|-----------------------|----------|------------------|---------|------------|----------------------------|
| Examiner Initial      |    | Document No.          | Date     | Patentee         | Class   | Subclass   | Filing Date if Appropriate |
|                       | AA | 5,997,236             | 12/7/99  | Picioccio et al. | 414     | 403        |                            |
|                       | AB | 5,996,824             | 12/7/99  | Grant et al.     | 215/2   | 215/237    |                            |
|                       | AC | 5,996,316             | 12/7/99  | Kirschner        | 53/443  | 53/447     |                            |
|                       | AD | 5,955,132             | 9/21/99  | Spica et al.     | 426/399 | 426/387    |                            |
|                       | AE | 5,758,571             | 6/2/98   | Kateman et al.   | 99/455  | 99/323.1   |                            |
|                       | AF | 5,685,435             | 11/11/97 | Picioccio et al. | 209/677 | 222/2      |                            |
|                       | AG | 5,285,815             | 2/15/94  | Henry et al.     | 137/595 | 137/614.06 |                            |
|                       | AH | 5,516,007             | 5/14/96  | Larson           | 222     | 105        |                            |
|                       | AI | 4,934,567             | 6/19/90  | Vahjen et al.    | 222/136 | 222/146.6  |                            |

| FOREIGN PATENT DOCUMENTS |    |               |          |               |       |          |                       |
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|                          |    | Document No.  | Date     | Country       | Class | Subclass | Translation<br>Yes No |
|                          | AL | 0 649 121 A2  | 4/19/95  | Europe        | G07F  | 17/16    |                       |
|                          | AM | WO 96/01227   | 1/18/96  | World         | B67D  | 5/56     |                       |
|                          | AN | WO 97/18538   | 5/22/97  | World         | G07F  | 13/08    |                       |
|                          | AO | WO 97/02898   | 1/30/97  | World         | B05B  | 7/28     |                       |
|                          | AP | WO 00/03944   | 1/27/00  | World         | B67D  | 1/08     |                       |
|                          | AQ | 2,188,906 A   | 10/14/87 | Great Britain | B67D  | 5/56     |                       |
|                          | AR | 2,244,977 A   | 12/18/91 | Great Britain | B67D  | 5/56     |                       |
|                          | AS | 0,501,015 A1  | 9/2/92   | Europe        | B65D  | 77/06    |                       |
|                          | AT | 27 14 919 A1  | 10/27/77 | Germany       | B65D  | 43/02    | X                     |
|                          | AU | 199 36 645 A1 | 4/6/00   | Germany       | B67D  | 5/34     | X                     |
|                          | AV | 299 13 528 U1 | 1/5/00   | Germany       | G07F  | 17/18    | X                     |

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| EXAMINER | DATE CONSIDERED |
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made.

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| Examiner Initial |    | Document Number | Date     | Patentee        | Class     | Subclass | Filing Date if Appropriate |
|------------------|----|-----------------|----------|-----------------|-----------|----------|----------------------------|
|                  | BA | 4,929,818       | 5/29/90  | Bradbury et al. | 235       | 381      |                            |
|                  | BB | 4,832,096       | 5/23/89  | Kohlbach        | 141       | 114      |                            |
|                  | BC | 4,330,066       | 5/18/82  | Berliner        | 215/1 C   | 220/404  |                            |
|                  | BD | 4,077,182       | 3/7/78   | Papaluca        | 53/109    | 53/281   |                            |
|                  | BE | 4,006,841       | 2/8/77   | Alticosalian    | 222/42    | 222/48   |                            |
|                  | BF | 3,966,091       | 6/29/76  | Bencic          | 222/129.1 | 137/501  |                            |
|                  | BG | 3,167,210       | 1/26/65  | Carney, Jr.     | 220       | 63       |                            |
|                  | BH | 5,067,636       | 11/26/91 | Pfeiffer et al. | 222/105   | 222/185  |                            |
|                  | BI | 5,429,263       | 7/4/95   | Haubenwallner   | 220/404   | 215/11.3 |                            |

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|  |    | Document Number | Date     | Country | Class | Subclass | Translation<br>Yes N |  |
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|  | BO | 198 13 842 A1   | 9/30/99  | Germany | B65G  | 47/49    | X                    |  |
|  | BP | 196 07 255 A1   | 8/28/97  | Germany | B65B  | 3/00     | X                    |  |
|  | BQ | 44 39 914 A1    | 5/9/96   | Germany | B65D  | 23/08    | X                    |  |
|  | BR | 39 22 779 A1    | 1/17/91  | Germany | B65B  | 3/04     | X                    |  |
|  | BS | 37 27 789 A1    | 3/31/88  | Germany | B65D  | 47/20    | X                    |  |
|  | BT | 0 479 113 A1    | 4/8/92   | Europe  | B67D  | 1/00     | X                    |  |
|  | BU | 0 499 918 A2    | 8/26/92  | Europe  | E21D  | 11/00    | X                    |  |
|  | BV | 0 528 394 A1    | 2/24/93  | Europe  | B65D  | 77/06    | X                    |  |
|  | BW | 0 358 053 A2    | 3/14/90  | Europe  | B65D  | 77/06    | X                    |  |
|  | BX | FR 1 180 592    | 6/5/59   | French  | 20    | 4        | X                    |  |
|  | BY | WO 94/24010     | 10/27/94 | World   | B65D  | 25/00    | X                    |  |

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## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

| Examiner Initial |    | Document Number | Date     | Patentee       | Class | Subclass | Filing Date if Appropriate |
|------------------|----|-----------------|----------|----------------|-------|----------|----------------------------|
|                  | CA | 5,592,940       | 1/14/97  | Kampfe et al.  | 128   | 654      |                            |
|                  | CB | 5,584,327       | 12/17/96 | Thomas et al.  | 141   | 104      |                            |
|                  | CC | 5,014,211       | 5/7/91   | Turner et al.  | 364   | 478      |                            |
|                  | CD | 4,324,494       | 4/13/82  | Pryor et al.   | 366   | 156      |                            |
|                  | CE | 5,020,917       | 6/4/91   | Homan          | 366   | 161      |                            |
|                  | CF | 3,727,889       | 4/17/73  | Nagel          | 259   | 1 R      |                            |
|                  | CG | 3,595,438       | 7/27/71  | Daley et al.   | 222   | 67       |                            |
|                  | CH | 5,870,906       | 2/16/99  | Denisar        | 68    | 17 R     |                            |
|                  | CI | 3,307,744       | 3/7/67   | Burford        | 222   | 1        |                            |
|                  | CJ | 5,873,268       | 2/23/99  | Spriggs et al. | 68    | 17 R     |                            |
|                  | CK | 5,799,281       | 8/25/98  | Login et al.   | 705   | 1        |                            |
|                  | CL | 4,981,024       | 1/1/91   | Beldham        | 68    | 12 R     |                            |

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|  |    | Document Number | Date | Country | Class | Subclass | Translation<br>Yes N |  |
|--|----|-----------------|------|---------|-------|----------|----------------------|--|
|  | CL |                 |      |         |       |          |                      |  |
|  | CM |                 |      |         |       |          |                      |  |
|  | CN |                 |      |         |       |          |                      |  |

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

|  |    |  |
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|  | CR |  |
|  | CS |  |

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